

Vegetables

Michigan vegetable growers produced 833,350 tons of fresh and processed vegetables in 2008. Harvested acreage was 105,400. Value of production totaled \$239 million. Nationally, Michigan ranked eighth and fourth, respectively for fresh market and processing vegetable value of production.

Michigan farmers produced 8.40 million hundredweight (cwt) of fresh market vegetables, an increase of 1 percent from 2007. Processing vegetable production totaled 413,350 tons. Light precipitation in early May was welcomed by most farmers, but field work and planting for some vegetables was hindered. Warmer, drier weather in early July helped with crop development, but pressure from foliar diseases forced farmers to spray more than usual. Dry conditions prevailed through August, causing growers to worry about reductions in yield and crop quality for late season vegetables. Rain in mid-September was welcomed by some, but crop experts

believed it may have been too late to benefit most crops. While warm, sunny days in October helped farmers to complete harvest, cool nights and early season frosts hindered crop development.

Michigan ranked third among States for dual purpose asparagus production with 258,000 cwt produced, up 6 percent from last year's 244,000 cwt. Asparagus spears began to emerge in late April, with the warm temperatures pushing crop development ahead of schedule. Harvest started in early May with some losses to a freeze which occurred then, but most growers picked all the spears that were up in the southwest. The spears were sandy because of the excessive rain and purple spot was evident in some fields. Harvest was complete in some areas by mid-June while other growers picked late. Growers felt the yield was better than last year, but still behind a full crop.

Vegetables: Record highs and lows

Crop	Unit	Record high		Record low		Year estimates started
		Quantity	Year	Quantity	Year	
Asparagus						
Harvested	1,000 acres	23.0	1989	1.0	1928	1928
Yield	Cwt	31	1947	9	1981	
Production	1,000 cwt	317	2003	17	1928	
Beans, snap (processing)						
Harvested	1,000 acres	27.0	1999	0.8	1921	1918
Yield	Tons	3.89	1998	0.60	1947	
Production	Tons	100,970	1999	600	1921	
Carrots (fresh market)						
Harvested	1,000 acres	7.7	1994	0.5	1929	1929
Yield	Cwt	398	1995	155	1957	
Production	1,000 cwt	2,610	1995	132	1936	
Celery						
Harvested	1,000 acres	7.2	1941	1.6	2005	1928
Yield	Cwt	575	2005	174	1935	
Production	1,000 cwt	1,915	1941	576	1966	
Corn, sweet (fresh market)						
Harvested	1,000 acres	15.2	1961	8.0	2005	1949
Yield	Cwt	110	2006	42	1949	
Production	1,000 cwt	1,020	1994	525	1949	
Cucumbers (processing)						
Harvested	1,000 acres	46.3	1949	9.3	1932	1918
Yield	Tons	6.7	1987	0.6	1924	
Production	Tons	189,100	2008	8,900	1932	
Onions						
Harvested	1,000 acres	12.7	1935	2.9	2005	1928
Yield	Cwt	350	1960	120	1935	
Production	1,000 cwt	2,833	1948	754	2005	
Tomatoes (fresh market)						
Harvested	1,000 acres	9.4	1943	1.8	2001	1928
Yield	Cwt	260	2004,2008	60	1959	
Production	1,000 cwt	797	1943	204	1988	
Tomatoes (processing)						
Harvested	1,000 acres	9.7	1982	1.0	1921	1918
Yield	Tons	38.0	2003	2.7	1943	
Production	Tons	205,000	1982	5,000	1921	

Vegetables: Acres harvested and value of production, 2004-2008

Item	Unit	2004	2005 ¹	2006	2007	2008
Acres harvested	1,000 acres	121	107	113	115	105
Value of production	1,000 dollars	232,401	186,062	221,308	224,677	239,121

¹ Processing tomatoes excluded to avoid disclosure of individual operations.

Principal vegetables, fresh market: Acres, production, and value, 2004-2008

Year	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt</i>	<i>1,000 dollars</i>
2004	68,400	64,000	9,611	175,899
2005	59,200	55,200	8,884	146,330
2006	59,000	55,400	8,793	163,539
2007	59,300	56,000	8,347	156,949
2008	56,700	53,800	8,396	170,826

Principal vegetables, processing: Acres, production, and value, 2004-2008

Year	Planted	Harvested	Production	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>1,000 dollars</i>
2004	57,700	56,600	374,780	56,502
2005 ¹	53,300	51,400	275,540	39,732
2006	59,000	57,200	413,970	57,769
2007	60,500	59,100	419,100	67,728
2008	52,700	51,600	413,350	68,295

¹ Processing tomatoes excluded to avoid disclosure of individual operations.

Vegetables, processing: Acres, production, and value, 2004-2008

Item and Year	Planted	Harvested	Yield	Production	Price per ton	Value
	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Carrots						
2004	1,400	1,300	25.00	32,500	62.00	2,015
2005	2,300	2,200	26.00	57,200	62.00	3,546
2006	2,700	2,600	23.00	59,800	74.00	4,425
2007	3,100	3,000	20.00	60,000	76.00	4,560
2008	2,800	2,700	25.00	67,500	74.00	4,995
Cucumbers						
2004	35,000	34,500	5.00	172,500	205.00	35,363
2005	34,000	33,000	4.80	158,400	168.00	26,611
2006	34,000	33,200	5.20	172,640	194.00	33,492
2007	35,500	35,000	5.30	185,500	230.00	42,665
2008	31,000	30,500	6.20	189,100	220.00	41,602
Snap beans						
2004	17,700	17,300	3.54	61,280	169.00	10,335
2005	17,000	16,200	3.70	59,940	160.00	9,575
2006	19,000	18,100	3.65	66,030	148.00	9,803
2007	18,500	17,800	3.45	61,400	169.00	10,405
2008	15,500	15,000	3.65	54,750	210.00	11,498
Tomatoes						
2004	3,600	3,500	31.00	108,500	81.00	8,789
2005 ¹						
2006	3,300	3,300	35.00	115,500	87.00	10,049
2007	3,400	3,300	34.00	112,200	90.00	10,098
2008	3,400	3,400	30.00	102,000	100.00	10,200

¹ Estimates not published to avoid disclosure of individual operations.

Vegetables, fresh market: Acres, production, and value, 2004-2008

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value ¹
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Beans, snap						
2004	4,400	4,100	45	185	45.00	8,325
2005	4,300	4,100	55	226	60.00	13,560
2006	3,900	3,500	55	193	40.00	7,720
2007	3,400	3,100	40	124	65.00	8,060
2008	3,200	2,800	40	112	40.00	4,480
Cabbage						
2004	1,800	1,600	270	432	12.00	5,184
2005	1,800	1,700	360	612	8.50	5,202
2006	1,900	1,800	340	612	12.10	7,405
2007	2,500	2,400	320	768	15.00	11,520
2008	2,500	2,400	280	672	18.00	12,096
Carrots						
2004	4,400	4,200	310	1,302	12.20	15,884
2005	3,100	3,000	360	1,080	14.00	15,120
2006	2,800	2,400	320	768	18.00	13,824
2007	2,300	2,200	300	660	15.80	10,428
2008	2,400	2,300	290	667	19.00	12,673
Corn, sweet						
2004	10,500	9,500	75	713	19.50	13,904
2005	9,000	8,000	100	800	20.00	16,000
2006	9,200	8,500	110	935	18.00	16,830
2007	9,700	8,700	85	740	19.80	14,652
2008	9,000	8,500	85	723	23.50	16,991
Cucumbers						
2004	7,500	7,400	175	1,295	17.20	22,274
2005	5,500	5,200	180	936	16.00	14,976
2006	5,600	5,200	170	884	18.50	16,354
2007	5,000	4,900	175	858	17.90	15,358
2008	4,200	4,100	185	759	18.60	14,117
Onions						
2004	3,500	3,400	290	986	10.80	8,521
2005	3,000	2,900	260	754	13.00	7,852
2006	3,500	3,400	250	850	14.60	9,928
2007	3,900	3,800	260	988	11.10	8,747
2008	4,000	3,600	280	1,008	16.40	13,251
Tomatoes						
2004	2,200	2,100	260	546	48.00	26,208
2005	2,000	2,000	220	440	38.00	16,720
2006	2,000	2,000	230	460	50.00	23,000
2007	2,200	2,200	230	506	49.00	24,794
2008	2,200	2,100	260	546	45.00	24,570

¹ Value of sales for onions.

Vegetables, dual purpose: Acres, production, and value, 2004-2008

Item and year	Planted	Harvested	Yield	Production	Price per cwt	Value
	<i>Acres</i>	<i>Acres</i>	<i>Cwt</i>	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Asparagus						
2004	15,000	13,500	20	270	64.70	17,468
2005	12,700	12,200	19	232	51.80	12,006
2006	12,200	11,700	22	257	57.80	14,866
2007	12,100	11,600	21	244	66.00	16,092
2008	11,700	11,200	23	258	71.80	18,516
Celery						
2004	2,300	2,200	560	1,232	12.30	15,215
2005	1,700	1,600	575	920	11.40	10,493
2006	1,800	1,700	530	900	22.10	19,920
2007	2,000	1,900	490	931	13.20	12,334
2008	1,900	1,800	525	945	15.60	14,705
Peppers, bell						
2004	1,800	1,800	290	522	26.00	13,572
2005	1,500	1,400	280	392	23.00	9,016
2006	1,500	1,400	270	378	26.00	9,828
2007	1,500	1,500	260	390	33.00	12,870
2008	1,600	1,600	250	400	30.00	12,000
Pumpkins						
2004	7,800	7,200	140	1,008	13.00	13,104
2005	6,000	5,200	145	754	12.00	9,048
2006	6,200	5,700	150	855	11.00	9,405
2007	7,000	6,200	115	713	12.00	8,556
2008	7,100	6,800	145	986	15.50	15,283
Squash						
2004	7,200	7,000	160	1,120	14.50	16,240
2005	8,600	7,900	220	1,738	9.40	16,337
2006	8,400	8,100	210	1,701	8.50	14,459
2007	7,700	7,500	190	1,425	9.50	13,538
2008	6,900	6,600	200	1,320	9.20	12,144

Asparagus: Utilization and value, 2004-2008

Year	Fresh market			Processing		
	Production	Price per cwt	Value of production	Production	Price per ton	Value of production
	<i>1,000 cwt</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
2004	26	90.00	2,340	12,200	1,240	15,128
2005	58	63.00	3,654	8,700	960	8,352
2006	31	64.00	1,984	11,300	1,140	12,882
2007 ¹						
2008 ¹						

¹ Estimates not published to avoid disclosure of individual operations.

U.S. Pickle stocks in tanks, barrels, and fresh pack, December 1, 2004-2008

Year	From current year crop			From previous year crop	Total stocks
	Salt stock including dill	Fresh pack	Refrigerated	Salt stock including dill	
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
2004	168,553	55,474	1,638	14,979	240,644
2005	161,670	46,474	3,439	38,865	250,448
2006	389,502	36,470	2,800	15,534	444,306
2007	332,011	32,795	2,850	9,076	376,732
2008	377,549	30,713	1,530	38,177	447,969